

APPENDIX F

METALINE FALLS MUNICIPAL WATER INTAKE DATA

Appendix F

METALINE FALLS MUNICIPAL WATER INTAKE SURFACE WATER SAMPLES ANALYTICAL RESULTS LOWER PEND OREILLE RIVER MINES AND MILLS PRELIMINARY ASSESSMENTS AND SITE INSPECTIONS PEND OREILLE COUNTY, WASHINGTON

EPA Sample Number	01264429	01264430
CLP Inorganic ID	MJ0GN8	MJ0GN9
CLP Organic ID	NU	NU
E & E Sample ID	NU	NU
Station Location	MF01SW	MF02SW
TAL Metals (µg/L)		
Aluminum	112 JB	149 JB
Antimony	2.5 U	2.5 U
Arsenic	2.6 U	2.6 U
Barium	13.2 JB	14.7 JB
Beryllium	0.3 U	0.3 U
Cadmium	0.6 U	0.6 U
Calcium	24500	27300
Chromium	0.6 U	0.6 U
Cobalt	1 U	1 U
Copper	1 U	1 UJK
Iron	44.4 U	34.8 U
Lead	2.8 U	2.8 U
Magnesium	8900	9560
Manganese	6 JB	3.7 JB
Mercury	0.1 U	0.1 U
Nickel	1.1 U	1.1 U
Potassium	792 JB	889 JB
Selenium	2 U	2 U
Silver	0.5 UJK	0.5 UJK
Sodium	2200 U	2790 U
Thallium	3.4 U	3.4 U
Vanadium	1 U	1.6 JB
Zinc	3.9 JB	0.65 JB

Note: Bold type indicates the sample concentration is above the detection limit.

Key:

CLP	= Contract Laboratory Program.
DW	= Domestic water intake.
E&E	= Ecology and Environment, Inc.
ID	= Identification.
µg/L	= micrograms per liter.
NU	= Not utilized.
SW	= surface water.
U	= The analyte was not detected. The associated numerical value is the contract required detection limit.
J	= The analyte was positively identified. The associated numerical value is an estimate.
B	= The reported concentration is between the instrument detection limit and the contract required detection limit.
EPA	= United States Environmental Protection Agency.
K	= Unknown bias.